

PNIAK, S.

A. LIJDKIEWICZ, Prace Badawcze Głównego Instytutu Metalurgii i
Odlęwnictwa, 1949, n. 1, pp. 13-25

PNIAK, S.

CH

Slag control in the basic open-hearth furnace process.

A. Lulikwicz, E. Rucka, and S. Pniak, *Prace Badawcze Głównego Inst. Met. i Odliv.* 1949, 18-26.—The purposes and methods of rational slag control in the basic open-hearth furnace are discussed. On the basis of 20 expts. conducted in a 30-ton basic open-hearth furnace, slag patterns have been established for slag basicity $V = (\text{CaO})/(\text{SiO}_2)$, within the limits of 1.2 to 4.79 for various contents of FeO in the slag. The results obtained indicate that control of the slag by means of slag pancakes presents no difficulties. In order to obtain steel of an av. purity of $P < 0.049\%$ and $S < 0.04\%$ it is quite sufficient to carry out its finishing and working under a slag of basicity $V = 2.5$ to 3, the charge consisting of 50% pig iron, contg. $P < 0.4\%$ and $S < 0.05\%$, and the remainder ordinary scrap. The finishing of steel under a slag of the above basicity gives economy in fuel and lime as well as in Fe and Mn. In addn., slags of basicity $V = 2.5$ to 3 show lower contents of Fe_e (Fe_e is the sum of oxides FeO and Fe_2O_3 in slag reduced to Fe), which should have an advantageous effect on the quality of steel produced under such a slag.

Edward A. Ackermann

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PNIAK, S.

A. LUDKIEWICZ, Prace Badawcze Głównego Instytutu Metalurgii i
Oilewnictwa, n. 1, 1949, p. 13-25

PNIAK, S.

A. LUDKIRWICZ, Prace Badawcze Glownego Instytutu Metalurgii i
Odlewnictwa, n. 1, 1949, p. 13-25

PNIAK, S.,

A. LUDKIEWICZ, Prace Badawcze Glownego Inst. Met. i Odlew.
1949, 13-25.

P. L. H.

*Bridges Technology &
Architecture*

790

Pniakowski J. **Protection of Bridges from Moisture.**

624.21.004.5

„Zabezpieczenie mostów przed zawilgoceniem”. Drogownictwo
No. 10, 1950, pp. 310-317, 14 figs.

The idea of insulating bridges is: 1) to protect all bearing parts of the system from the destructive influence of rainfall and of acids of organic origin, 2) to prevent accumulation of rain-water and sleet. Miscellaneous insulating materials, and comparison of the features of such materials. The problem of finding suitable insulating materials is still unsolved and provides an opening for inventions. Method of applying and protecting the layers of insulating materials

PNIAKOWSKA, Z.

Effect of lanatoside C on circulatory insufficiency. Polski tygod.
lek. 7 no.7-8:169-176 18 Feb 1952. (CLML 22:2)

1. Of the Cardiovascular Department (Head--Edmund Zera, M. D.)
of Municipal Hospital No. 6, Warsaw.

PNIEWSKI, Bohdan, prof.

Jan Zachwatowicz. Nauka polska 10 no.6:63-67 N-D '62.

1. Członek rzeczywisty Polskiej Akademii Nauk, Warszawa.

PNIEWSKI, Bohdan, professor

The Polish Academy of Sciences Research Centre for the Theory of
Architecture and Town-Planning. Review Pol Academy 6 no.3:61-62 Jl-S
'61.

1. Member of the Polish Academy of Sciences. Research Center for
the Theory of Architecture and Town-Planning, Polish Academy of Sciences,
Warsaw, Na Skarpie 27.

PNIEWSKI, BOHDAN

Q23

1. *Stalin's Deathbed, Vol. 2, No. 1 (1951), April-June 1951.* - continue
2. *Relations between Soviet Russia and Poland during the period of Stalin's rule*
3. *Soviet-Polish relations during the period of the Polish People's Republic*
4. *How were American Communists "Trotskyites" treated in Poland?*
5. *What was the attitude of the Polish Communist Party towards the German Occupation?*
6. *What was the attitude of the Polish Communists towards the French Resistance?*
7. *What was the attitude of the Polish Communists towards the American Communists?*
8. *What was the attitude of the Polish Communists towards the Chinese Communists?*
9. *The role of the Polish Communists in the formation of the Polish People's Army and its influence on the formation of the Polish People's Army*
10. *What was the attitude of the Polish Communists towards the formation of the Polish People's Army and its influence on the formation of the Polish People's Army*
11. *What was the attitude of the Polish Communists towards the formation of the Polish People's Army and its influence on the formation of the Polish People's Army*
12. *What was the attitude of the Polish Communists towards the formation of the Polish People's Army and its influence on the formation of the Polish People's Army*
13. *The attitude of the Polish Communists towards the formation of the Polish People's Army and its influence on the formation of the Polish People's Army*
14. *The attitude of the Polish Communists towards the formation of the Polish People's Army and its influence on the formation of the Polish People's Army*
15. *The attitude of the Polish Communists towards the formation of the Polish People's Army and its influence on the formation of the Polish People's Army*
16. *The task of the Polish Communists towards the formation of the Polish People's Army and its influence on the formation of the Polish People's Army*
17. *The task of the Polish Communists towards the formation of the Polish People's Army and its influence on the formation of the Polish People's Army*
18. *The attitude of the Polish Communists towards the formation of the Polish People's Army and its influence on the formation of the Polish People's Army*
19. *The attitude of the Polish Communists towards the formation of the Polish People's Army and its influence on the formation of the Polish People's Army*
20. *The attitude of the Polish Communists towards the formation of the Polish People's Army and its influence on the formation of the Polish People's Army*

- 24 -

- Reuter, Michael, 1941-, Vol. 9, p. 1104, April-June 1961, contains
an article on "The Soviet Union and the Space Race," which discusses
the American and Soviet space programs. The article notes that the
Soviet space program has been successful, while the American space
program has been less successful. It also discusses the political and
military implications of the space race.
22. "The Space Race," pp. 1104-1105, April-June 1961, contains
an article on the Soviet space program. The article notes that the
Soviet space program has been successful, while the American space
program has been less successful. It also discusses the political and
military implications of the space race.
23. "The Soviet Union and the Space Race," pp. 1104-1105, April-June 1961, contains
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program has been less successful. It also discusses the political and
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25. "The Space Race," pp. 1104-1105, April-June 1961, contains
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program has been less successful. It also discusses the political and
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26. "The Space Race," pp. 1104-1105, April-June 1961, contains
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program has been less successful. It also discusses the political and
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27. "The Space Race," pp. 1104-1105, April-June 1961, contains
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28. "The Space Race," pp. 1104-1105, April-June 1961, contains
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Soviet space program has been successful, while the American space
program has been less successful. It also discusses the political and
military implications of the space race.
- (H)

PNIEWSKI, B.

PNIEWSKI, B. The Earth and Architecture. Wiadomosci Muzeum Ziemi,
Warszawa (Geological Museum), 1947, v. 3, p. 14.

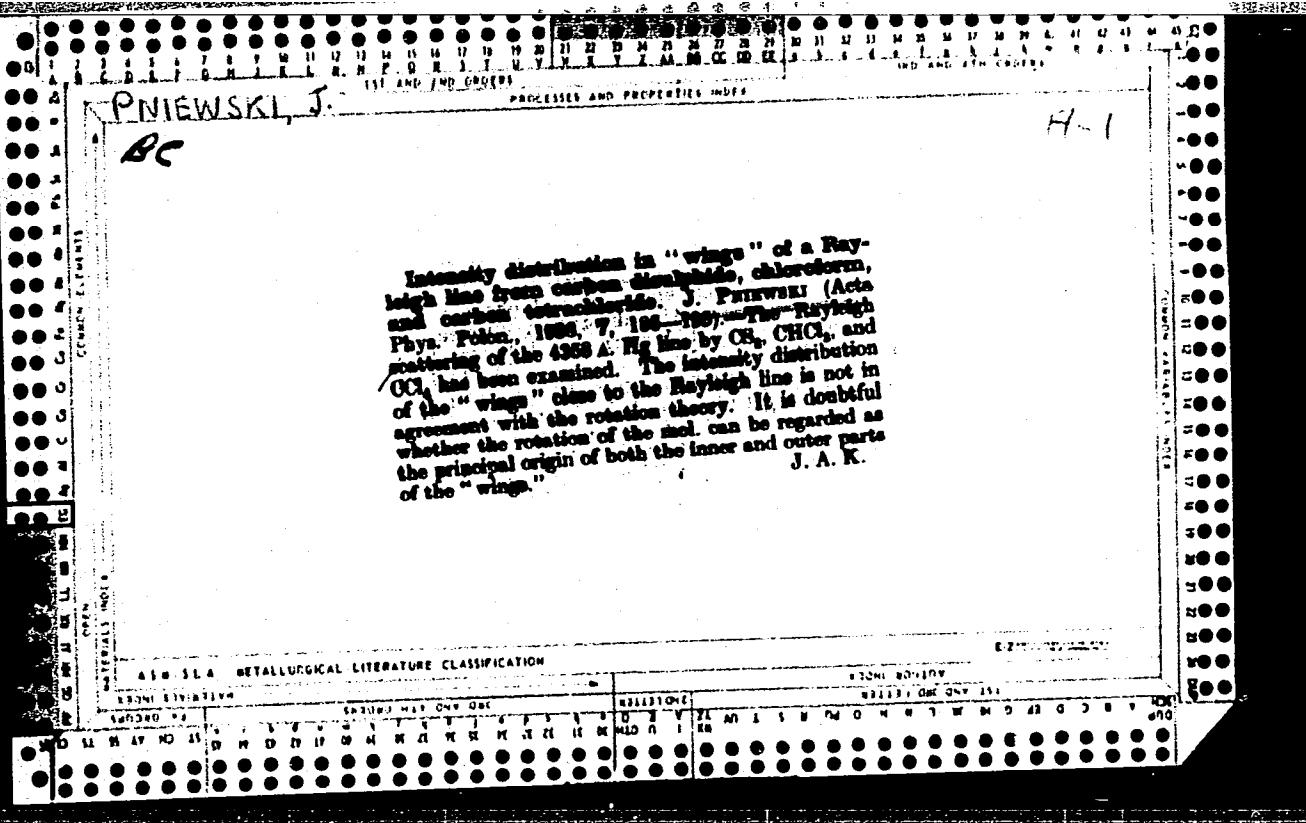
PNIEWSKI, J.

SA

1162. Light Scattering in the Branch of the Rayleigh Line of CS₂. J. Palencki, Acad. Polonicae Sci. et Lettres, Bull. 3-5A, pp. 134-142, March-May, 1938. In German.—The scattering of light in the branch of the Rayleigh line is investigated using a spectrograph of high dispersion (1.8 Å/mm. in the blue region 4368 Å), the source of light being two large Hg vapour lamps. The temperature is controlled by placing the apparatus in a thermostatically controlled room. The intensities of lines in the Stokes and anti-Stokes part of the band are measured and compared with the calculated values assuming free rotation of the molecules, and the impossibility of ascribing the whole of the branch to the rotation of the molecules is shown. The possibility of restricted rotation is considered.
F. I. I.

A53

ASH-ELA METALLURGICAL LITERATURE CLASSIFICATION																			
ECONOMY CLASSIFICATION																			
STANDARD NO.	SECONDARY KEY ONE USE									CLASSIFICATION	SECONDARY KEY ONE USE								
120	M	I	A	V	H	D	S	T	E	120	R	I	S	M	A	S	D	O	N
120	M	I	A	V	H	D	S	T	E	120	R	I	S	M	A	S	D	O	N



PNIEWSKI, J.

"Spectrum of RaE in the Low-Energy Region" p. 215 (Acta Physiologica Polonica, Vol. 11, No. 3/4, 1951/52, Warszawa)

SO: Monthly List of East European Accessions, Vol. 3, No. 3, Library of Congress
March, 1954, Unclassified

PNIEWSKI, J.

Danysz, V.; Pniewski, J. "A Method of Preparation of Very Thin RaE Sources" p. 226
(Acta Radiologica Polonica, Vol. 11, No. 3/4, 1951/52, Warszawa)

SO: Monthly List of East European Accessions, Vol. 3, No. 3, Library of Congress
March, 1954, Uncl.

PNIEWSKI, J.

"The Relation Between the Energy and the Number of Grains for Low-Energy Tracks in Photographic Emulsions" p. 230 (Acta Physiologica Polonica, Vol. 11, No. 3/4, 1951/52, Warszawa)

SO: Monthly List of East European Acquisitions, Vol. 3, No. 3, Library of Congress,
March, 1954, Unclassified.

POLON

778.34

1970. On the relation between the energy and the number of grains for low energy tracks in photographic emulsions. J. PIOTROWSKI. *Acta phys. Polon.*, 31, No. 3-4, 439-2 (1958-59).

The relation between the energy and the number of grains at low energies for Ilford electron-sensitive emulsion Q5 was investigated. The observations were extended over energies from 37.1 keV down to 4.2 keV. A good separation of joined or overlapping grains was achieved by resoaking the emulsion before microscopic examination.

BB Jan

PNIEWSKI, J.

J. PNIEWSKI, M. DANYSZ: "Beta Spectrum of Radium E," Nature, London, 18 Apr 53.
Published from the Institute of Experimental Physics, University of
Warsaw. Sent 24 October 1952.

PNIIEWSKI, J.

IRH

P O L .

537-594-2

364 - Diffracted disintegration of a heavy fragment
from a nucleon

42-4-1797

For particle exchange between A and B stars
in the range of energy release ~ 100 MeV
to be produced by a heavy fragment emitted from
A. The charge on the fragment is estimated to
be ~12. Its final state, deduced from the track
width at the end of its range, is much less than that
required to produce star B which has 4 protons and
just enough energy release (100 MeV). Possible

✓ NIEWIORKA, M.

✓
Phys (2)

Chem. Abstr. v 48
1 - 25 - 54

Nuclear Phenomena

✓ β -Spectrum of Ra E in the low-energy region. J. Pniawski (Univ. Warsaw). *Acta Phys. Polon.* 11, 215-225 (1953); cf. *ibid.* 230-32; *C.A.* 38, 11689.—The low-energy region of the β -spectrum of Ra E was studied from 100 to 4.0 e.kv. with an electron-sensitive nuclear research emulsion as an electron detector in a magnetic-lens spectrograph. A volatilization method was used to prep. very thin sources. The spectrographic images were checked to demonstrate the uniformity of the specific surface activity of the sources used. The intensities were obtained by counting about 3500 sep. electron tracks. The energy-distribution function below 50 e.kv. cannot be interpreted simply in terms of $(E - E_0)^n$. The intercept of the energy distribution curve at the zero energy point is not zero. The Fermi plot is given and compared with previous results. A method is described for analyzing spectrographic images and controlling the behavior and uniformity of the sources.

L. I. Edwards

WIEHL,

(3) N.E.

2-mm. ab. v48
1-26-54

nucleus phenomena

✓ A method of preparation of very thin Ra E sources. M. Danysz and L. Puzycki (Univ. Warsaw). *Acta Phys. Polon.* 11, 226-9(1953); cf. preceding abstr.—Relatively strong but very thin Ra E sources for β -spectroscopy were prep'd. by a volatilization method. A uniform spot source of Ra E, about 1 mm. in diam. and as strong as 80 microcuries was prep'd. The source was supported on a conductive Au-coated film less than 4 μ /sq. cm. thick. A Ni rod contg. the Ra E deposit was heated to 500-550° to remove volatile impurities; with the supporting film suspended above the rod, the Ra E was volatilized at 650°. L. J. Edwards

5-5-54
BML

DANYSZ, M.; PNIEWSKI, J.

Retarded disintegration of a heavy nuclear fragment. I. Tr. from the
English. Magy fiz folyoir 7 no.6:537-539 '59. (EBAI 9:4)

l. Egyetemi Kísérleti Fizikai Intézet, Varsó.
(Nuclear physics)

PNIEWSKI, Jerzy, prof. dr

Enrico Fermi. Problemy 18 no.12:826-833 '62.

1. Dyrektor Instytutu Fizyki Doswiadczałnej, Uniwersytet, Warszawa

S/058/62/000/010/036/093
A061/A101

AUTHORS: Gajewski, Wojciech, Pniowski, Jerzy, Pniowski, Tadeusz, Siemińska,
Jolanta, Soltan, Marta, Soltyński, Krysztof, Suchorzewska, Joanna

TITLE: Double emission of Li⁸ fragments in interactions of 9-Bev protons
with heavy photoemulsion nuclei

PERIODICAL: Referativnyy zhurnal, Fizika, no. 10, 1962, 60, abstract iOB441
("Rept. Inst. badań jądrow, PAN", 1962, no. 295/VI, 5 pp., English;
summaries in Polish and Russian)

TEXT: From among 188 Li⁸ fragments emitted in interactions of 9-Bev protons with heavy emulsion nuclei, 7 cases of emission of two Li⁸ fragments have been found. The frequency of occurrence of such cases is estimated, and the possibility of an independent emission of two Li⁸ fragments is considered.

[Abstracter's note: Complete translation]

Card 1/1

ACCESSION NR: AP4015990

P/0047/63/014/006/0633/0637

AUTHOR: Danyss, Marian; Pniewski, Jerzy

TITLE: High-energy and elementary particle physics at the Hosa Center in Warsaw

SOURCE: Postepy fizyki, v. 14, no. 6, 1963, 633-637

TOPIC TAGS: high energy physics, elementary particle, nuclear emulsion, bubble chamber, spark chamber, hypernucleus, nuclear fission, high energy particle, hyperon, hyperfragment, meson, cryptofragment, nuclear collision, particle accelerator, particle track, proton scattering, xenon chamber, gamma photon, pi meson, pion

ABSTRACT: The author sketches the development and research activity carried on in experimental and theoretical physics since 1946 at Hoza, emphasizing the fields of high-energy and elementary-particle physics. Since the physics of elementary particles requires sources of high energy, one of such sources, cosmic radiation, called for the organization of balloon flights in the stratosphere, and the other, particle accelerators, would have necessitated huge investments. These requirements were too high for the modest means available to the Hoza school, and the problem was solved by participation in international cooperation (processing of data). A strong point of the Hoza laboratory is the accuracy and scrupulousness.

Card 1/2

ACCESSION NR: AP4015990

characterizing its work. A weakness is the insufficient automation of measurements and the lack of fast computers. Current work is based on three techniques: nuclear emulsions, bubble chambers, and spark chambers. The latter technique, begun last year, has good prospects. In the area of problem solving, the work can be divided into two trends: (1) high-energy nuclear physics (hypernuclei, fragmentation of nuclei and interactions of high energy with nuclei) and (2) properties of elementary particles and resonance states, and effects of high energies in the case of simple structures. Specific achievements in these areas are cited.

ASSOCIATION: Katedra Fizyki Czastek Elementarnych Uniwersytetu Warszawskiego (Department of Physics of Elementary Particles, University of Warsaw); Zaklad Fizyki Wielkich Energii Instytutu Badan Jadrowych, Warsaw (Laboratory of High Energy Physics of the Institute of Nuclear Studies)

SUBMITTED: 00

DATE ACQ: 03Feb64

ENCL: 00

SUB CODE: PH, NS

NO REF SOV: 000

OTHER: 000

Card 2/2

PNIEWSKI, Jerzy, prof. dr.

Elementary particles and compound structures. Problemy
19 [i.e. 20] no.1:6-10 '64.

1. Kierownik Katedry Fizyki Czastek Elementarnych, Uniwersytet,
Warszawa.

PNIEWSKI, Tadeusz
SURNAME (in caps); Given Name

Country: Poland

Academic Degrees: Dr med

Affiliation: Director of Blooddonor Station (Stacja Krwiodawstwa),
Kalisz

Source: Warsaw, Przeglad Lekarski, No 5, 1961, pp 200-201

Data: "Annual Results of Conservation and Transfusion of Placental Blood."

Note: PNIEWSKI did research at the Municipal Hospital (Szpital Miejski)
Kalisz; Director: RADKOWSKI, S., Dr. med.

PNIEWSKI, Tadeusz

A case of familial eosinophilia. Pol. tyg. ląk. 17 no.33:1306-1308
13 Ag '62.

1. Ze Szpitala Miejskiego w Kaliszu; dyrektor: dr St. Rzadkowski.
(EOSINOPHILIA)

PNIEWSKI, Tadeusz

Use of placental blood for transfusion purposes. Peł. arch. med.
wewnet. 34 no.8:1009-1015 '64.

1. Ze Stacji Krwiodawstwa w Kaliszu (Dyrektor: dr. med. T. Pniewski)
i ze Szpitala Miejskiego w Kaliszu (Dyrektor: dr. med. S. Rzadkowski).

S/058/62/000/010/036/093
A061/A101

AUTHORS: Gajewski, Wojciech, Pniewski, Jerzy, Pniewski, Tadeusz, Siemińska, Jolanta, Soltan, Marta, Soltyński, Krzysztof, Suchorzewska, Joanna

TITLE: Double emission of Li⁸ fragments in interactions of 9-Bev protons with heavy photoemulsion nuclei

PERIODICAL: Referativnyy zhurnal, Fizika, no. 10, 1962, 60, abstract 10B441 ("Rept. Inst. badań jądrow, PAN", 1962, no. 295/VI, 5 pp., English; summaries in Polish and Russian)

TEXT: From among 188 Li⁸ fragments emitted in interactions of 9-Bev protons with heavy emulsion nuclei, 7 cases of emission of two Li⁸ fragments have been found. The frequency of occurrence of such cases is estimated, and the possibility of an independent emission of two Li⁸ fragments is considered.

[Abstracter's note: Complete translation]

Card 1/1

PRIBLIZHENIYE 7.

An unknown natural reserve, p.9.
TURYSTA. (Polskie Towarzystwo Turystyczno-Krajoznawcze) Warsaw.
No. 3, Mar. 1956

So. East European Accessions List Vol. 5, No. 9 September, 1956

L-15635-65 EPA(s)-2/EPA(w)-2/EWT(1)/EWT(n)/SEC(t)/SMA(m)-2 PI-4/Pab-10

ACCESSION NR: AP5006464

S/0294/65/003/001/0017/0022

39

38

1

AUTHOR: Nedopasov, A. V.; Pronomarenko, Yu. B.

TITLE: Stability of the equilibrium state of the positive column of a gas discharge

SOURCE: Teplofizika vysokikh temperatur, v. 3, no. 1, 1965, 17-22

TOPIC TAGS: gas discharge, positive column, equilibrium discharge, discharge stratification, charge diffusion, ionization

ABSTRACT: The equilibrium state of the positive column and the mechanism of its instability are considered in greater detail than in an earlier paper by one of the authors (Nedopasov, Zh. tekhn. fiziki v. 28, 173, 1958; v. 29, 1388, 1959). Equations of state are written for the positive column on the basis of the hydrodynamic equations for the metastable atoms, electrons, and ions. Equilibrium diffusion equations are then obtained without account of volume recombination or the change in the neutral gas density. An analysis of these equations from the point of view of stability shows that the latter is strongly influenced by fluctuations

Card 1/2

L 45636-65

ACCESSION NR: AP5006464

in the concentration of the metastable atoms, and that, other conditions being equal, the assumptions made by H. Rother (Ann. Physik v. 4, 373, 1959; v. 5, 252, 1960) concerning the presence of a stabilizing feedback loop through the external circuit is not essential. Orig. art. has: 2 figures and 32 formulas.

ASSOCIATION: Moskovskiy fiziko-tehnicheskiy institut (Moscow Physicochemical Institute)

SUBMITTED: 18Mar64

ENCL: 00

SUB CODE: ME, GG

NR REF SCV: 007

OTHER: 011

Card 2/2 *70*

L 33191-66 EWT(1)/EWT(m)/EWP(j) IJP(c) RM
ACC NR. AR6016175

SOURCE CODE: UR/0058/65/000/011/D013/D013

AUTHOR: Danilova, Y. I.; Zubkova, L. B.; Morozova, Yu. P.; Promareva, O. A.; Pri-lezhayeva, N. A.; Terpugova, A. F.; Filippova, L. G. Foronova, R. M.

TITLE: Influence of intra- and intermolecular interaction on the energy levels, electron spectrum, and color properties of complex molecules 41
B

SOURCE: Ref. zh. Fizika, Abs. 11D91

REF SOURCE: Tr. Komis. po spektroskopii. AN SSSR, t. 3, vyp. 1, 1964, 327-335

TOPIC TAGS: molecular interaction, complex molecule, electron energy level, electron spectrum, conjugate bond system, hydrogen bonding

ABSTRACT: The intramolecular interaction (effect of conjugation, external-field interaction between donor-acceptor groups, hydrogen bond, etc.) were investigated for molecules of di- and polysubstitutes of benzene (for 20 compounds). An interpretation of the observed phenomena is presented. Similar investigations were made for the intermolecular interaction in different solvents (for 20 systems) and for complex formation processes (10 systems). General laws of the influence of the indicated processes on the electron levels are formulated and the changes of the spectra are interpreted. [Translation of abstract]

SUB CODE: 20, 07

Card 1/1 MC

ROKK, Edmund; PNUUSEPP, R., retsenzent; ORA, A., red.; VAHTRE, I.,
tekhn. red.

[Handbook for inventors and efficiency promoters]Leiutaja
ja ratsionaliseerija kasiraamat. Tallinn, Eesti Riiklik
Kirjastus, 1962. 334 p. (MIRA lrl;ll)
(Efficiency, Industrial)

USSR / Cultivated Plants. Fruit Trees. Small Fruit
Plants. Nut Trees. Tea.

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 25047

Author : Po, L. M.
Inst : Crimean Agricultural Institute
Title : Results of the Study of Hybrid Apple and
Pear Seedlings

Orig Pub : Tr. Krymsk. s.-kh. in-ta, 1957, 4, 121-157

Abstract : In 1935-1937, hybridization of the apple,
pear and plum trees was conducted by the
Crimean Agricultural Institute. Altogether
there were obtained 10 thousand hybrid seed-
lings, selected and studied 200 perspective
numbers of apple trees, 80 numbers of pear
trees and 4 numbers of plum trees. Setting
of the fruits and the average quantity of

Card 1/3

164

USSR / Cultivated Plants. Fruit Trees. Small Fruit
Plants. Nut Trees. Tea.

M

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 25047

seeds differed very much in various combinations and according to years, thereby explaining the dissimilar inter-assimilation of the components' sexual cells in the process of fertilization. The degree of mutual fertilization is safer to determine by the percent of the fruits in setting than by the number of seeds. At a normal condition of the pollen, pollination and the capacity of the variety of being pollinated is almost coincident. It was established that the germination of the seeds is not the same throughout the years. At the end of the second vegetational period, it is possible to assort the seedlings according to

Card 2/3

USSR / Cultivated Plants. Fruit Trees. Small Fruit M
Plants. Nut Trees. Tea.

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 25047

morphological types (categories). A great output of seedlings with cultivated symptoms is observed in a majority of West European varieties in comparison with a group of sinaps [?] and rosemaries. Good nutrition of the seedlings increased the yield of seedlings of the first type (more cultivated). The length of the internodal spaces may be, to a certain extent, one of the indices of the early-maturing hybrid seedlings. Five best seedlings of apple and pear trees, of each species, are described.

Card 3/3

165

SHCHEGLOVA, V.V. [Shcheglova, V.V.]; POBAL', L.D.

Domestic animals of the ancient town site of Chaplin. Vestsi AN
BSSR, Ser. bial. nav. no. 4:122-134 '59. (MIRA 13:4)
(Chaplin region--Mammals, Fossil)

POBASHEV, M.E.

"An Objective Method For The Investigation Of Insect Behaviour" (silkworms) (p.203) by
M.E. Pobashev

SO: Journal of General Biology (Zhurnal Obshchei Biologii) Vol. XI, 1950, No. 3

L 24194-66 EWT(m)/EWP(t) LJP(c) JD/JG

ACC NR: AP6013284

SOURCE CODE: UR/0413/66/000/008/C080/0080

INVENTOR: Epshteyn, A. L.; Izhvanov, L. A.; Korolev, Yu. M.; Stolyarov, V. I.; Pobedash, N. V.

ORG: none

35
STITLE: Method of extracting molybdenum from the gaseous phase. Class 40,
No. 180800

18 19 27

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 8, 1966, 80

TOPIC TAGS: molybdenum, molybdenum extraction

ABSTRACT: This Author Certificate introduces a method of extracting molybdenum from the gaseous phase with deposition of compact molybdenum on a heated substrate. To reduce the cost of extraction, molybdenum hexafluoride is used as the initial material.

[ND]

SUB CODE: 13, 11/ SUBM DATE: 17Aug64/ ATD PRESS: 4245

Card 1/1

UDC: 669.283

2

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001341410006-1

POBEDIMOVA, I.A.

~~Calluna vulgaris Boiss. in the flora of the U.S.S.R. Bot.mat.Carb.~~
~~(MIRA 17:2)~~
22:218-219 '63.

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001341410006-1"

POBEDIMOVA, Ye.G.

Boris Konstantinovich Shchekin as scholar. Biol. MISP. Ctd.
biol. 70 no.3:107-109 My-Je '65. (MJRA 18:10)

POBEDIMOVA, Ye.G.

General review of the genus Cakile Mill. Bot. zhur. 48 no.12:
1762-1775 D '63. (MIRA 17:4)

1. Botanicheskiy institut imeni Komarova AN SSSR, Leningrad.

POBEDIMOVA , Ye. G.

Pobedimova, Ye. G.- "New species of the genus Apocynum L.," Botan. materialy
Gerbariya Botan. in-ta im. Komarova Akad. nauk SSSR, Vol. XI, 1949, P. 129-33

SO: U-4934, 29 Oct 53. (Letopis 'Zhurnal 'nykh Statey, No. 10, 1949).

POBEDINVA Ya. G.

Pobedimova, Ye. G. - "A new type of onion from Central Asia," Botan. materialy Gerbariya Botan. in-ta im. Komarova Akad. nauk SSSR, Vol. XI, 1949, p. 64-66

SO: U-4934, 29 Oct 53. (Letopis 'Zhurnal 'nykh Statey, No. 16, 1949).

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Botan. Materialy Gerbariya Botan. in-ta im. Komarova Akad. nauk SSSR, Vol. XI, 1949
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POBEDIMOVA Ye. G.

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S^O: U-4934, 29 Oct 53, (Letopis 'Zhurnal 'Nykh Statey, No. 16, 1949).

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Botan, Zhur, 34, No 1, 1949. Bot Inst imen V.L.

Komarov, Acad.Sci. Dept. Biol. Sci., Leningrad, -c1949-.

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001341410006-1

POBEDIMOVA, Ye.G.

A study of the genus *Cakile* Mill. Bot.mat.Gerb. 15:62-77 '53.
(MLRA 7:2)
(Brassicaceae)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001341410006-1"

POBEDIMOVA, Ye.G.

Changes of some generic names of Eurasian members of the families
Asclepiadaceae and Apocynaceae. Bot.mat.Gerb. 15:208-213 '53.

(MLRA 7:2)
(Botany--Classification) (Gentianales)

PQBEDIMOVA, Ye.G.

A study of the genus *Cakile* Mill. Bot.mat.Gerb. 15:62-77 '53.
(MLRA 7:2)
(Brassicaceae)

POBEDIMOVA, Ye.G.

In memory of Zinaida Viktorovna Kobyletskaia (1880-1957).
Bot. zhur. 43 no.9:1359-1361 S '58. (MIRA 11:10)

1. Botanicheskiy institut imeni V.L. Komarova AN SSSR, Leningrad.
(Kobyletskaia, Zinaida Viktorovna, 1880-1957)

AFANAS'YEV, K.S.; BOCHANTSEV, V.P.; VASIL'CHENKO, I.T.; GORSHKOVA, S.G.;
IL'IN, M.M.; KIRPICHNIKOV, M.E.; KNORRING, O.E.; KUPRIYANOVA, L.A.;
POBEDIMOVA, Ye.G.; POLYAKOV, P.P.; POYARKOVA, A.I.; SMOL'YANINOVA, L.A.;
FEDOROV, M.A.; TSVETKOVA, L.I.; TSVELEV, N.N.; SHISHKIN, B.K.;
KOMAROV, V.L., akademik, glavnnyy red.; BOBROV, red.toma; SHISHKIN, B.K.;
red.izd.; SMIRNOVA, A.V., tekhn.red.

[Flora of the U.S.S.R.] Flora SSSR. Moskva, Izd-vo Akad.nauk
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L.I.; SOFIYEVA, R.M. Prinimali uchastiye: KUTATELADZE, A.; MANDENOVA,
I.P.; LINCHEVSKIY, I.A.; POBEDIMOVA, Ya.G.; POYARKOVA, AI.; FEDOROV,
An.A.; KHARADZE, A.L.; YUKSIP, A.Ya.; VARUNTSYAN, I., red. izd-va; PO-
GOSOV, V., tekhn. red.

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(Azerbaijan - Dicotyledons)

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Critical notes on some species from the flora of the U.S.S.R.
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(Botany)

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TAMAMSHYAN, S.G.; KHARADZE, A.L.; TSVELEV, N.N.; CHEREPANOV, S.K.;
SHOSTAKOVSKIY, S.A.; BOEROV, Ye.G., doktor biol. nauk, prof.,
red. toma; SHISHKIN, B.K., red. izd. [deceased]; SMIRNOVA, A.V.,
tekhn. red.

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1956. Bot.mat.Gerb. 19:572-594 '59. (MIRA 12:8)~~
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POBEDIMOVA, YE. G.
25464

K Sisteme Krymsko-Kavkazskikh Tsiklamenov Botan. Zhurnal, 1948, No. 2, s. 220 -29
--Bibliogr: s 228-29

SO: LETOPIS NO. 30, 1948

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POBEDIMOVA, Ye.G.

Genus Cyclamen; family Apocynaceae; family Asclepiadaceae. Flora SSSR 18:
279-290; 645-718 '52.
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(Botany)

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"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001341410006-1

POBEDIMOVA, Ye.G.

A survey of the genus Honkenya Bhrh. Bot. mat. Gerb.
20:142-162 '60. (MIRA 13:7)
(Sandworts)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001341410006-1"

POBEDIMOVA, Ye.G.

A new species of the genus *Tripleurospermum* Schult. Bip.
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(MIRA 15:7)
(Kuba District--Matricaria)

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1. Botanicheskiy institut imeni V.L.Komarova Akademii nauk SSSR,
Leningrad.
(White Sea region--Botany)

BOBROV, Ye.G.; BONDARTSEV, A.S.; BORISOVA, A.G.; VASIL'KOV, B.P.;
VASIL'CHENKO, I.T.; GOLUBKOVA, V.F.; GRUDZINSKAYA, I.A.;
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1. Botanicheskiy institut imeni V.L.Komarova AN SSSR, Leningrad.

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Izv. SO AN SSSR no. 8. Ser. biol.-med. nauk no. 2:132-134
'63. (MIRA 16:11)

POBEDIMOVA, Ye.G.

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(*Salvia*)

POBEDIMOVA, Ye.G.

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mat. Gerb. 16:245-257 '54. (MIRA 8:9)
(*Dendrostellera*)

KOMAROV, V.L., akademik, glavnnyy red.; SHISHKIN, B.K., red. izdaniya;
BOBROV, Ye.G., doktor biol.nauk, prof.red.; VASIL'CHEMKA, I.T.,
red.; GORSHKOVA, S.G., red.; GRIGOR'YEV, Yu.S., red.; GRUBOV, V.I.,
red.; DOROFEEV, P.I., red.; IL'INSKAYA, I.A., red.; KLOKOV, M.V.,
red.; KUPRIYANOVA, L.A., red.; LINCHEVSKIY, I.A., red.; NOVOPOKROV-
SKIY, I.V., red.; POBEDIMOVA, Ye.G., red.; POPOV, M.G., red.;
POYARKOVA, A.I., red.; SHTEYNBERG, Ye.I., red.; TSVELEV, N.N., red.;
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I.A.; KLOKOV, M.V.; KUPRIYANOVA, L.A.; LINCHEVSKIY, I.A.;
NOVOPOKROVSKIY, I.V.; POBEDIMOVA, Ye.G.; POPOV, M.G.; POYARKOVA,
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izdaniya; SMIRNOVA, A.V., tekhn.red.

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vol.23) (MIRA 13:4)

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POBEDIMOVA, Ye.G.

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(Anthemideae)

POBEDIMOVA, Ye.G.

Interesting floristic finds in the Far East. Bot. zhur. 46
no.9:1342-1345 S '61. (MIRA 14:9)

1. Botanicheskiy institut im. V.L.Komarova AN SSSR, Leningrad.
(Soviet Far East--Botany)

POBEDIMSKAYA, N. A.

USSR/Physics - Crystallography

Apr 53

"Review of 'New Investigations in Crystallography and Crystallochemistry,'" (V. A. Frank-Kamenetskiy, reviewer)

Usp Fiz Nauk, Vol 49, No 4, pp 628-630

Reviewed book presents abridged translations of foreign articles processed by G. D. Vigdorovich, A. S. Anishkina, B. V. Nenart, T. L. Khotsyanova, V. M. Koshin, N. D. Katsenelenbaum, Yu. G. Zagalskiy, and N. A. Pobedimskaya, with preface by Prof. G. B. Bokiy the editor.

267T92

BROD, I.O., prof., doktor geol.-miner. nauk; VARSANOV'YEVA, V.A.,
prof., doktor geol.-miner. nauk; VELIKOVSKAYA, Ye.M., prof.,
doktor geol.-miner. nauk; GORDEYEV, D.I., prof., doktor
geol.-miner. nauk; DOBROV, S.A., doktor geol.-miner. nauk
[deceased]; KOF, M.I., kand.tekhn.nauk, [deceased]; KUZNICHIEVA,
Ye.I., mladshiy nauchnyy sotr.; KUZNETSOV, Ye.A., prof., doktor
geol.-miner. nauk; LEONOV, G.P., prof., doktor geol.-miner. nauk;
MENNER, V.V., dotsent, doktor geol.-miner. nauk; NAZARENKO, I.I.,
kand. sel'khoz.nauk; POBEDIMSKAYA, Ye.A., assistent; POPOV, S.P.,
prof., doktor geol.-miner. nauk; SMIRNOV, V.I.; SMIRNOV, N.N.,
prof., doktor geol.-miner. nauk; SMOL'YANINOV, N.A., prof.,
doktor geol.-miner. nauk [deceased]; FENIKSOVA, V.V., dotsent,
kand.geol.-miner. nauk; SHAFRANOVSKIY, I.I., prof., doktor geol.-
miner. nauk; Prinimali uchastiye: BARSANOV, G.P., prof.,
doktor geol.-miner. nauk; BOKIY, G.B.; CORSHKOV, G.P., prof.,
doktor geol.-miner. nauk; KUDRYAVTSEV, V.A., prof., doktor
geogr. nauk; MARKOV, P.N., dotsent, kand.geol.-miner. nauk;
MOROZOV, S.S., prof., doktor geol.-miner. nauk; ORLOV, Yu.A.,
akademik; SERGEYEV, Ye.M., prof., doktor geol.-miner. nauk;
TVALCHRELIDZE, A.A.; GEORGIYEVA, G.I., tekhn. red.

(Continued on next card)

POBEDIMSKAYA, Ye.A.; BELOV, N.V.

Crystalline structure of mordenite (ptilolite)
 $\text{Na}_8\text{Al}_8\text{Si}_{40}\text{O}_{96} \cdot 24\text{H}_2\text{O} = 8\text{NaAlSi}_5\text{O}_{12} \cdot 3\text{H}_2\text{O}$. Kristallografiia 8
no.6:919-921 N-D'63.
(MIRA 17:2)

1. Institut kristallografi AN SSSR.

ACCESSION NR: AP4019270

S/0192/64/005/001/0064/0069

AUTHORS: Venglovski, S.; Bokiy, G.B.; Pobedimskaya, Ye. A.

TITLE: Crystal structure of titanium diarsenide TiAs₂

SOURCE: Zhurnal Strukturnoy khimii, v. 5, no. 1, 1964, 64-69

TOPIC TAGS: titanium diarsenide, crystal structure, x ray analysis, Paterson function, electronic density, titanium

ABSTRACT: X-ray analysis of TiAs₂ was conducted in order to determine its crystal structure. It crystallizes into a new structure type. The rhombic cell is a 13.27, b 8.96, c 3.50 Å, N 8. All atoms hold the position 4 g of the spatial group $D_{\bar{3}h}^{12}$ - P_{nmm} . The schematic of atom grouping on the plane xy and the spatial drawing of TiAs₂ structure are given in Figure 2 and 3. Determination and specification of coordinates of atoms was made according to projections of the Paterson function and electronic density. Final distribution is given in enclosed figure 1. Orig. art. has: 3

Card 1/4

ACCESSION NR: AP4019270

figures, 1 table.

ASSOCIATION: Institut fizicheskoy khimii (Institute of Physical Chemistry); Pol'skoy Akademii nauk, Warsaw (Polish Academy of Sciences); Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova (Moscow State University)

SUBMITTED: 13Mar63

DATE ACQ: 27Mar64

ENCL: 02

SUB CODE: CH

NO REF Sov: 009

OTHER: 002

Card 2/4

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001341410006-1

ACCESSION NR: AP4019270

ENCLOSURE: 01

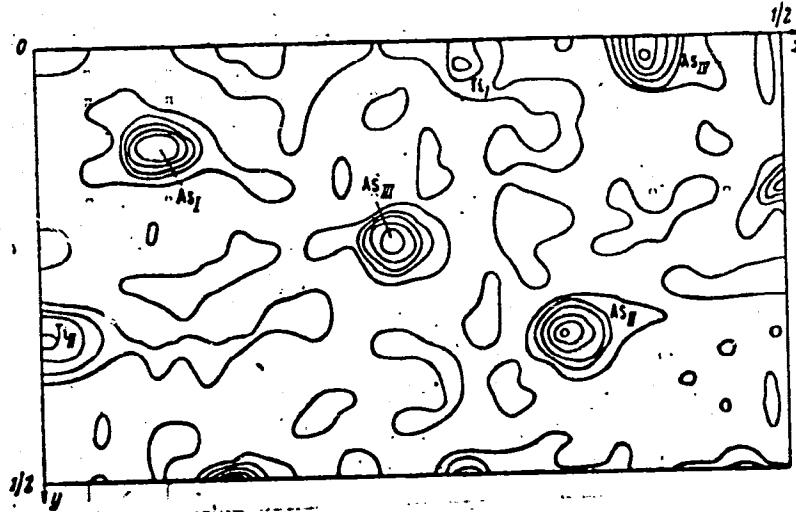


Fig. 1

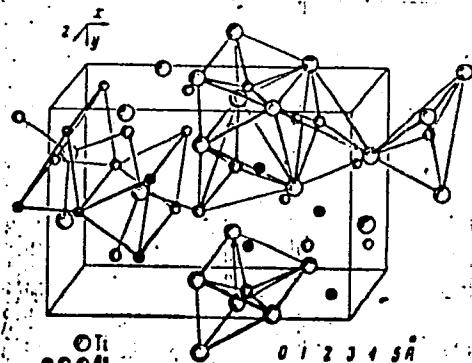
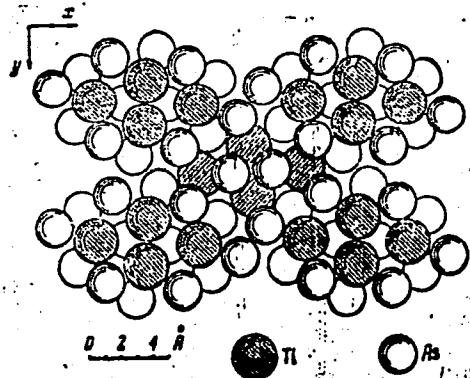
Card 3/4

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001341410006-1"

ACCESSION NR: AP4019270

ENCLOSURE: 02



Card 4/4

POBEDIMSKAYA, Ye.A.; BELOV, N.V.

A useful theorem in structure (or lattice) crystallography. Kristal-
lografiia 8 no.4:674-675 Jl-Ag '63. (MIRA 16:9)

1. Institut kristallografii AN SSSR i Moskovskiy gosudarstvennyy
universitet imeni Lomonosova.
(Crystalllography, Mathematical)

POBEDIMSKAYA, Ye. A. Cand Geol-Min Sci -- "Crystal-chemistry study of
minerals of the epididymite group." Mos, 1961 (Inst of Crystallography,
Acad Sci USSR). (KL, 4-61, 190)

-107-

POBEDIMSKIY AA

3

2) (4) E2b
2) (4) E2c

18

Bearings made from antifriction wrought iron
Pobedimskii, Tz. Gid. Prom., 17, No. 1, 1967.
Bearings made from antifriction wrought iron made from a 45% carbon wrought iron containing 0.1% C, 0.1% Si, 0.06% Mn, 0.02% P, up to 0.02% S. After normalizing, its Brinell hardness is 167-170. The antifriction properties of I are greatly affected by its microstructure and, in particular, by the distribution of pearlite and of nests of ferrite.

RJW

POBEDIMSKIY, A.A., dotsent.

Malleable cast iron antifriction bearings. Tekst.prom.17 no.1:35-36
Ja '57. (MLRA 10:2)

1. Ivanovskiy tekstil'nyy institut.
(Looms) (Bearings (Machinery))

POBEDIMSKIY, A. D.

USSR/Engineering - Hydraulics, Power

Plant Practice

Jun 52

"Passing Floating Ice Through Turbines With the Aid of Whirlpools." I. D. Gridnev, A. D. Pobedimsky, Engineers

"Gidrotekh Stroit" No 6, pp 25-27

Briefly discusses practice of 2 hydroelec power stations in field of elimination of floating ice from forebay. Describes method of using special shields to create whirling funnels in which ice is broken and crushed and then sent through trash

230123

racks. States that method involves no addnl water discharge, thus providing for generating extra 30% of elec power during floating ice season.

230123

G. R. PEREDIMSKY

5(0) PAGE 1 BOOK BIBLIOGRAPHY 807/2019

Book. Bialoboroborotchiy Institut imeni S.N. Bilev
Tsvet, 707, 22, Bialoboroborotchiy Institut imeni S.N. Bilev
Postach. Izdat. BSSR, Kirov, Kazan, By 22, Chemical Sciences) Razm', 1958.
175 p. Prints slip inserted. 300 copies printed.

Editorial Board: E.S. Bialobor (Chair., Prof.), Professor; A.A. Tsvetkov, (Chair., Prof., M.)
Professor; Y. Ye. Myntik (Deputy Chair., Prof., M.) Professor; G. G. Vodovotov, (Chair., Prof., M.)
Professor; A. Ye. Arshavsky, Academician; Dr. N. Moshchuk, Professor; Dr. A. D. Ushenitsky,
Professor; A.I. Grigor'yev, Professor; B.I. Molchanov, Professor; Dr. A. Tarashev,
(Chair., Secretary) Director; Ed.: Yu. Savchenko, Prof.; I. M. Zaytsev,
Secretary; Research student: This book is intended for industrial chemists, technologists, scientists,
teachers, and research students in applied chemistry.

CONTENTS: The collection contains reports by faculty members of the sponsoring institutions and also contains the first part of the fifth and first anniversary of the death of Professor Aleksey Kharlamovich Tsvel'yev, Doctor of Chemical Sciences and Head of the Faculty. A review of Tsvel'yev's scientific activities is given along with a bibliographical summary of his published works and data of his scientific publications under his leadership. Articles on the application of ultrasonic analysis and the analysis of electrochemical processes, chemical reactions in industrial processes, problems of ultrasonic cleaning, ultrasonic properties of building materials with additives, etc. References are given at the end of each article.

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Card 5/6

AUTHORS: Kochergin, S. M., Pobedimskiy, G. R., Leont'yev, A. V. 76-32-4-32/43

TITLE: The Application of the Radioautographic Method for Investigating Cathodic Depositions of Metals (Primeneniye radioavtografii k issledovaniyu katodnykh osadkov metallov)

PERIODICAL: Zhurnal Fizicheskoy Khimii, 1958, Vol. 32, Nr 4, pp. 930 - 931 (USSR)

ABSTRACT: The results of the experiments were given at the Moscow All-Union Conference on the Current Distribution in the Electric Deposition of Metals in April 1957. Radioautograms of electrolytic silver depositions of cyanide electrolytes were obtained, and an automatic registering microphotometer was used for this. The composition of the electrolytes was AgCN - 8,25 g/l; KCN - 8,25 g/l, a radioactive isotope Ag¹¹⁰ having been added. The silver was deposited on different kinds of copper electrodes (flat, semicylindrical and angular ones). A function between the thickness of the layer of the electrolytic deposition and the blackening of the radiograph was found and defined by an equa-

Card 1/2

The Application of the Radioautographic Method for Investigating Cathodic
Depositions of Metals

76-32-4-32/43

tion. As can be seen from the mentioned diagrams of the different forms of electrodes, as well as from the series of carried out experiments this method is suitable for the determination of the relief of electrolytic depositions and can distinguish between unevennesses down to the order of tenths of microns, when greatest care is applied in taking the radiograph even to one hundredth of a micron. It is to be expected that this method can be used successfully in the investigation of the processes of electrocrystallization of metals and their alloys. There is 1 figure.

ASSOCIATION: Khimiko-tehnologicheskiy institut im. S. M. Kirova, Kazan' (Kazan', Chemical-Technical Institute imeni S. M. Kirov)
SUBMITTED: May 9, 1957
AVAILABLE: Library of Congress
Card 2/2 1. Metals--Electrodeposition 2. Silver isotopes (Radioactive)--Applications 3. Autoradiography--Applications

18 3100

25428

S/137/61/000/006/023/092
A006/A101AUTHOR: Pobedimskiy, G.R.

TITLE: Investigating the conditions of electrolytic deposition of thallium alloyed with nickel and cobalt and a ternary thallium-nickel-cobalt alloy with the use of radioactive thallium-204 and cobalt-60 tracers

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no. 6, 1961, 31, abstract 6G257 ("Tr. Kazansk. khim.-tekhncl. in-ta", 1960, no. 29, 82 - 86)

TEXT: The author studied the method of electrolytic deposition of Tl alloyed with Ni and Co and of the ternary Tl-Ni-Co alloy. Electrolytic deposition of a Ni-Tl alloy was carried out from a solution of the following composition (in g/l): $\text{NiSO}_4 \cdot 7\text{H}_2\text{O}$ 289.3, TlSO_4 3.08, H_3BO_3 20, $\text{Na}_2\text{SO}_4 \cdot 10\text{H}_2\text{O}$ 100. To the solution 0.1 mcurie/l of radioactive Tl^{204} isotope was added in the form of Tl_2SO_4 . To obtain a Tl-Co alloy, a solution was employed containing in g/l: $\text{CoSO}_4 \cdot 7\text{H}_2\text{O}$ 238.4, Tl_2SO_4 3.08, H_3BO_3 20, $\text{Na}_2\text{SO}_4 \cdot 10\text{H}_2\text{O}$ 100. To the solution 0.1 mcurie/l of radioactive Tl^{204} and 0.9 mcurie/l Co^{60} isotopes were added. To obtain a three-component alloy, the following solution was used: (in g/l) $\text{NiSO}_4 \cdot 7\text{H}_2\text{O}$ 289.3; Tl_2SO_4 3.08, $\text{CoSO}_4 \cdot 7\text{H}_2\text{O}$ 11.9, H_3BO_3 20, $\text{Na}_2\text{SO}_4 \cdot 10\text{H}_2\text{O}$ 100. The

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temperature varied within 20 to 60°C; and D from 20 - 60 mamp/cm². During electrolytic deposition of the Tl-Ni alloy an increase of D_c promoted an increase of the Ni content and a decrease of Tl in the deposits. A rise of the electrolyte temperature somewhat increased the Ni content in the alloy. During electrolytic deposition of a Ti-Co alloy higher D_c and electrolyte temperature caused an increased Co and a reduced Tl content in the alloy. When producing a Ti-Ni-Co alloy, increasing D_c entails a higher Ni content in the alloy and a reduced Tl and Co content. A rise of the electrolyte temperature from 20 to 60°C has only a slight effect on the composition of the alloy.

G. Svedtseva

[Abstracter's note: Complete translation]

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KOCHERGIN, S.M.; POBEDIMSKIY, G.R.

Use of radioactive isotopes for study of formation conditions of
electrolytic alloys. Zhur. prikl. khim. 31 no.9:1432-1433 S '58.
(MIRA 11:10)

(Alloys) (Electroplating) (Radioisotopes)

Pobedimskiy, G.R.

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B016/B055

18.7400

AUTHORS:

Kochergin, S. M., Pobedimskiy, G. R.

TITLE:

Application of Radioactive Tracers¹⁴ in Investigating the Formation Conditions of the Electrolytic Titanium - Cobalt Alloy

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Khimiya i khimicheskaya tekhnologiya, 1960, Vol. 3, No. 3, pp. 457-460

TEXT: The authors showed that the electrolytic deposition of titanium - cobalt alloys can be effected much more easily in the form of titanium with respect to several important purposes (Refs. 2 and 3). They can be deposited from strong basic electrolytes in the presence of gallic and tartaric acids, but the deposited layer is never thicker than 1μ . Electrodeposition from boron-fluorine electrolytes, however, is more promising. Radioactive tracers were applied to investigate the electrolytic formation of alloys. The authors describe this process. The cathode with the electrolytic Ti - Co

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deposit which contained Co⁶⁰ and a standard (a sample of pure electrolyte Co⁶⁰) were laid on a photographic plate for 72 hours. The autoradiograms were analyzed using a self-recording microphotometer. It has already previously (Ref. 6) been shown that the density of blackening of the autoradiogram is proportional to the degree of distribution of the metal, expressed in mg/cm². A comparison of the blackening curves along the horizontal axes of the samples showed that the distribution of cobalt improves with increasing current density and increasing temperature of the bath (Figs. 2 and 3). An increase in the relative amount of cobalt in the electrolyte has the same effect. Very even coatings containing 30 - 35% titanium can be obtained by screening off the cathode by a net of copper wire during deposition. The use of radioactive tracers in the investigation of the coatings under discussion renders possible an exact and quantitative determination of the components. The samples are not destroyed and can be used for further analyses. This paper was read at the pervaya Mezhvuzovskaya konferentsiya po radiokhimii (First Inter-college Conference on Radiochemistry) in Moscow from April 20 to 25, 1959.

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There are 3 figures and 6 Soviet references.

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